

Agilent AdvanceBio SEC

- The latest technology for Size Exclusion Chromatography (SEC) analysis of monoclonal antibodies, proteins, and peptides

DESCRIPTION	130Å	300Å
ANALYTICAL COLUMNS		
7.8 x 300 mm, 2.7 µm	PL1180-5350	PL1180-5301
7.8 x 150 mm, 2.7 µm	PL1180-3350	PL1180-3301
4.6 x 300 mm, 2.7 µm	PL1580-5350	PL1580-5301
4.6 x 150 mm, 2.7 µm	PL1580-3350	PL1580-3301
ANALYTICAL GUARDS		
7.8 x 50 mm, 2.7 µm	PL1180-1350	PL1180-1301
4.6 x 50 mm, 2.7 µm	PL1580-1350	PL1580-1301

Agilent AdvanceBio SEC is not recommended for MS applications, see next page for Agilent Bio SEC-3.

AGILENT AdvanceBio SEC PROTEIN STANDARDS		
DESCRIPTION	SIZE	PART NO
130Å	1.5 mL vial	5190-9416
300Å	1.5 mL vial	5190-9417

AdvanceBio SEC SPECIFICATIONS		
PORE SIZE (Å)	PARTICLE SIZE (µm)	PROTEIN MW RANGE (Da)
130	2.7	100 – 100,000
300	2.7	5000 – 1,250,000



Agilent ProSEC 300S

- ProSEC 300S columns are designed as a single column solution for globular protein analysis
- Mechanically robust silica particles that do not bleed during use
- Extended linear resolving range eliminates the need for pore size selection—a single column to analyze most globular proteins
- Choices to help you perfect your separation—Two column IDs to suit multi-detector SEC
- Increased sensitivity when used with light-scattering detectors, to identify dimers, trimers, and aggregates

DESCRIPTION	100Å
ANALYTICAL COLUMNS	
7.5 x 600 mm, 5 µm	PL1147-8501
7.5 x 300 mm, 5 µm	PL1147-6501
4.6 x 250 mm, 5 µm	PL1547-5501
ANALYTICAL GUARDS	
7.5 x 50 mm, 5 µm	PL1147-1501
4.6 x 50 mm, 5 µm	PL1547-1501

ProSec 300S SPECIFICATIONS		
PORE SIZE	PARTICLE SIZE	PROTEIN MW RANGE
300Å	5 µm	1,500 – 800,000 Da
pH RANGE		
2 – 7.5		
FLOW RATE		
<1.5 (7.5 mm ID) mL/min; <0.5 (4.6 mm ID) mL/min		
TYPICAL OPERATING PRESSURE		
250 bar (3700 PSI)		